



**FILE COPY**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. application of: Paul R. Siglinger, et al.

For: **METHOD AND APPARATUS FOR FILTERING  
UNWANTED NOISE WHILE AMPLIFYING A DESIRED  
SIGNAL**

U.S. Serial No.: 10/057,752 Filed: October 25, 2001

Group Art Unit: 2858 Examiner: N/A

**COPY OF PAPERS  
ORIGINALLY FILED**

**Office of Initial Patent Examination  
Customer Service Center**  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

CERTIFICATE OF MAILING
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231, on:
<i>May 30, 2002</i>
<i>Yanela O. Carpenter</i>
Name of Person: <i>YANELA O. CARPENTER</i>

**REQUEST FOR CORRECTED FILING RECEIPT**

Enclosed is a copy of the updated official filing receipt received from the U. S. Patent and Trademark Office for the above-identified patent application in which issuance of corrected filing receipt is respectfully requested.

**Under Assignment for Published Patent Application**

There is an error in that the name of assignee indicated on said receipt is incorrect. The correct name is **Tempo Research Corporation**, as evidenced by the attached Assignment Document and the Assignment Recordation Cover Sheet which was submitted to the United States Patent and Trademark Office on March 28, 2002, with the Notice to File Missing Parts of Non-Provisional Application.

*Receipt #4 1/2*  
*CFR*  
**RECEIVED**  
*JUL 19 2002*  
*TC 2800 MAIL ROOM*

Applicants respectfully request issuance of a corrected filing receipt indicating the correct name as follows:

**Tempo Research Corporation**

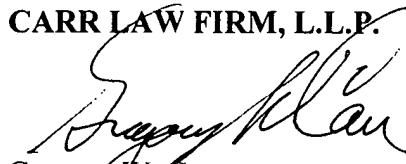
**COPY OF PAPERS  
ORIGINALLY FILED**

---

The correction is not due any error by applicants and therefore no fee is due. However, if any fee (other than an issue fee) is required, please charge it to Deposit Account No. 50-0605 of CARR LAW FIRM, L.L.P. Our Customer No. 21909.

Respectfully submitted,

**CARR LAW FIRM, L.L.P.**



Gregory W. Carr  
Registration. No. 31,093

Date: 5/30/02

670 Founders Square  
900 Jackson Street  
Dallas, Texas 75202  
(214) 760-3032 (direct)  
**File: TEMP 2341000**

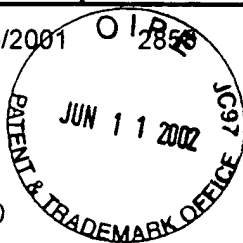


## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/057,752	10/25/2001	01/2856	2058	TEMP 2341000	9	58	9

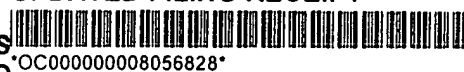
Gregory W. Carr  
Carr & Storm, L.L.P.  
900 Jackson Street, Suite 670  
Dallas, TX 75202



CONFIRMATION NO. 9522

UPDATED FILING RECEIPT

COPY OF PAPERS  
ORIGINALLY FILED



\*OC000000008056828\*

Date Mailed: 05/08/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

## Applicant(s)

Paul R. Siglinger, Fort Worth, TX;  
William C. Wood, Fort Worth, TX;

## Assignment For Published Patent Application

Industrial Technology, Inc.;

## Domestic Priority data as claimed by applicant

## Foreign Applications

If Required, Foreign Filing License Granted 02/15/2002

Projected Publication Date: 05/01/2003 ✓

Non-Publication Request: No

Early Publication Request: No

## Title

Method and apparatus for filtering unwanted noise while amplifying a desired signal

RECEIVED  
JUL 19 2002  
TC 2800 MAIL ROOM

Preliminary Class  
324



COPY OF PAPERS  
ORIGINALLY FILED

RECEIVED  
JUL 19 2002  
TC 2600 MAIL ROOM

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

REGISTRATION FORM COVER SHEET  
**PATENTS ONLY**

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

OMB No. 0551-0011 (exp. 4-94)

TEMP 2341000

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Paul R. Siglinger  
William C. Wood

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: March 21, 2001

2. Name and address of receiving party:

Name: Tempo Research Corporation

Street Address: 4015 Executive Park Drive, Suite 400

City: Cincinnati State: Ohio ZIP: 45241

Country: U.S.A.

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of this application is:

Title: Method and Apparatus for Filtering Unwanted Noise While Amplifying a Desired Signal

**COPY OF PAPERS  
ORIGINALLY FILED**

A. Patent Application No. 10/057,752

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Gregory W. Carr, Esq.

Internal Address:

Street Address: 670 Founders Square  
900 Jackson Street

City: Dallas State: TX ZIP: 75202

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number: 50-0605

(Attach duplicate copy of this page if paying by deposit account)

**DO NOT USE THIS SPACE**

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gregory W. Carr; Reg. No. 31,093

Name of Person Signing

Signature

Date

Total number of pages comprising cover sheet, attachments, and document:

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

**COPY OF PAPERS  
ORIGINALLY FILED**

Attorney Docket No. TEMP 2341000

**PATENT**



For: U.S. Rights and Foreign Rights  
For: U.S. Application  
By: Inventor(s)

RECEIVED  
JUL 19 2002  
TC 2800 MAIL ROOM

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNORS:**

Paul R. Siglinger  
6421 Fershaw Place  
Fort Worth, Texas 76116  
Nationality: U.S.A.

William C. Wood  
524 Blue Haze Drive  
Fort Worth, Texas 76108  
Nationality: U.S.A.

hereby sell, assign and transfer to

**ASSIGNEE:**

Tempo Research Corporation  
4015 Executive Park Drive, Suite 400  
Cincinnati, Ohio 45241

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

**METHOD AND APPARATUS FOR FILTERING UNWANTED  
NOISE WHILE AMPLIFYING A DESIRED SIGNAL**

and which is found in (37 C.F.R. § 3.21) U.S. Application no. 10/057,752 filed on October 25, 2001, and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

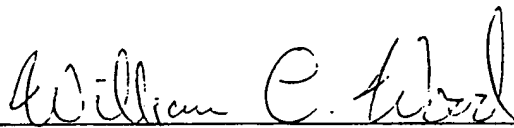
ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, we have hereunto set hand and seal on the date indicated below.

Date: 3-21-2002

  
Signature of Paul R. Siglinger

Date: 3/21/2002

  
Signature of William C. Wood